23 v. 2
Dark Gray.

QD
1
S923

ARKIV FÖR KEMI

UTGIVET AV

KUNGL. SVENSKA VETENSKAPS-

AKADEMIEN

Band 23

Med 47 avhandlingar

ALMQVIST & WIKSELL

STOCKHOLM

1965

Häfte	1	innehållande	Nr	1– 9	utkom	den	22	jan. 1965
»	2	»	Nr	10–16	»	»	14	sept. 1965
»	3–4	»	Nr	17–32	»	»	16	» 1965
»	5	»	Nr	33–37	»	»	20	» 1965
»	6	»	Nr	38–47	»	»	23	nov. 1965

TJUGOTREDJE BANDETS INNEHÅLL

		Sid.
1.	Larsson, K., The crystal structure of the β-form of trilaurin	1– 15
2.	Larsson, K., A set of crystallographic programmes for the Saab D21 computer. 4. Fourier synthesis with location of maxima in the Fourier space	17– 22
3.	Larsson K., On the crystal structure of 2-monolaurin	23– 28
4.	Larsson K., On the crystal structure of the forms β_1 and β_2 of racemic 1-monoglycerides	29– 33
5.	Larsson, K., Solid state behaviour of glycerides	35– 56
6.	Hevesy, G., Diurnale Variation biologischer Vorgänge	57– 67
7.	Claesson, S., and Öhman, J., Construction and calibration of a recording light scattering instrument	69– 80
8.	Rappe, C., Rearrangements of monobromoketones	81– 90
9.	Fredga, A., and Björn, A., Studies on synthetic growth substances. XVI. Absolute configurations of some auxin-active thiocarbamates	91– 96
10.	Ingri, N., and Sillén, L. G., High-speed computers as a supplement to graphical methods. IV. An ALGOL version of LETAGROP VRID	97–121
11.	Fredga, A., and Ekstedt, G., Studies on synthetic growth substances. XVIII. Resolution and absolute configuration of 3,4,5-trichlorophenoxypropionic acid	123–128
12.	Gronowitz, S., Sjögren, I., Wernstedt, L., and Sjöberg, B., Resolution and configuration of α-amino-3-thienylacetic acid and α-azido-3-thienylacetic acid	129–143
13.	Agenäs, L.-B., Selenium derivatives in the indole series. II. On the synthesis and infrared spectra of di-β-(indolyl-3)-ethyl diselenide and some β-(indolyl-3)-ethylselenocarboxylic acids	145–154
14.	Agenäs, L.-B., Selenium derivatives in the indole series. III. Selenocyanation of indole and methylindoles	155–165
15.	Ryhage, R., and Stenhagen, E., Mass spectrometric studies. XI. On the nature of the ions of $m/e\ 84 + n \times 14$ ($n = 0,1,2 \ldots$) present in mass spectra of esters of dibasic acids	167–175
16.	Yoshida, H., Hayashi, K., and Okamura, S., Saturation phenomena of electron spin resonance of free radicals in polymers	177–189
17.	Kierkegaard, P., and Marinder, B.-O., The adjustment of a specimen holder for a high-temperature X-ray diffractometer	191–192
18.	Kinell, P.-O., Lund, A., and Vänngård, T., An electron spin resonance study of γ-irradiated solid dextran	193–203
19.	Aurivillius, K., Least-squares refinement of the structures of some mercury (II) salts	205–211
20.	Kierkegaard, P., and Holmén, S., The crystal structure of $AgMoO_2PO_4$	213–221
21.	Kierkegaard, P., Differential thermal analysis of vanadium pentoxide, and thermal expansion of molybdenum trioxide and vanadium pentoxide	223–226

22. Nilsson, Å., and Backlund, P., Electron diffraction studies of thin sulphide films on copper 227–237
23. Fredga, A., and Löfroth, U., Studies on synthetic growth substances. XVII. Resolution and absolute configuration of 3,5-dimethylphenoxy-propionic acid 239–243
24. Fredga, A., and Sandström, K.-I., Studies on synthetic growth substances. XIX. Resolution and absolute configuration of 2-chloro-4-methylphenoxy-propionic acid and 2,4-dimethylphenoxy-propionic acid 245–253
25. Garegg, P. J., Migration of an acetyl group between the C-2 and C-3 hydroxyl groups in methyl mannopyranosides 255–268
26. Forsberg, S., Wahlman, L., and Forsling, W., Radiochemical separation of carrier-free zirconium from yttrium oxide 269–270
27. Magnusson, S., NH_2-terminal amino acid residues in bovine prothrombin and in prothrombin activation mixtures. With a note on the amino acid composition of chromatographically purified bovine prothrombin 271–283
28. Magnusson, S., Preparation and carbohydrate analysis of bovine prothrombin 285–298
29. Lundquist, M., On the formation of racemic compounds in monomolecular films on water. III: Quasi-racemate formation between enantiomers of methyl 2-methylhexacosanoate and 2-acetoxytetracosane 299–306
30. Gronowitz, S., Optically active bithienyls. VII. On the resolution and configuration of 2,2′-dicarboxy-4,4′-dinitro-3,3′-bithienyl. The circular dichroism curves of the thiophene analogues of 2,2′-dinitro-6,6′-diphenic acid 307–317
31. Lindberg, B., and Bergson, G., Oxidation of 1,2-dithiolanes 319–333
32. Larsson, E., An X-ray investigation of the Ni–P system and the crystal structures of NiP and NiP_2 335–365
33. Enzell, C. R., and Ryhage, R., Mass spectrometric studies of diterpenes 1. Carbodicyclic diterpenes 367–399
34. Stomberg, R., The crystal structure of potassium-diperoxotricyanochromate(IV), $K_3[Cr(O_2)_2(CN)_3]$ 401–430
35. Odham, G., Studies on feather waxes of birds. III. The chemical composition of the wax in the free flowing secretion from the preen gland of the mute swan (*Cygnus olor*) 431–451
36. Lawesson, S.-O., Larsen, E. H., and Jakobsen, H. J., Studies on elimination. VIII. Some reactions with *t*-butyl cyanoacetate 453–462
37. Agenäs, L.-B., The synthesis of 3,3′-diseleno-di-*iso*-valeric acid 463–467
38. Aurivillius, K., The crystal structure of $Hg(OHg)_4Br_2$ 469–473
39. Rappe, C., and Kumar, R., Preparation of α-bromoketones using N-bromosuccinimide 475–478
40. Torssell, K., and Ruusa, E., Positive halogen compounds. II. Addition of mono- and dibromomalononitrile to the double bond 479–482
41. Gestblom, B., Gronowitz, S., Hoffman, R. A., Mathiasson, B., and Rodmar, S., The signs of the side-chain spin couplings in thiophenethiols as determined by selective double irradiation. I. 3-Thiophenethiols . 483–499

42. Gestblom, B., Gronowitz, S., Hoffman, R. A., Mathiasson, B., and Rodmar, S., The signs of the side-chain spin couplings in thiophenethiols as determined by selective double irradiation. II. 2-Thiophenethiols . 501–515

43. Gestblom, B., Gronowitz, S., Hoffman, R. A., and Mathiasson, B., The signs of the side-chain spin couplings in 3-nitro-2-methylthiophene and in 3-acetyl-2,5-dimethylthiophene 517–524

44. Torssell, K., and Ryhage, R., Positive halogen compounds. III. Thermal decomposition of aliphatic nitro salts. Infrared spectra of aliphatic nitro salts 525–536

45. Torssell, K., Positive halogen compounds. IV. Bromination with dibromomalononitrile and bromotrinitromethane 537–541

46. Torssell, K., Positive halogen compounds. V. The chemistry of nitronate esters 543–550

47. Aurivillius, B., and Sténson, P., Methyl salicylate as a fluorometric reagent 551–563